Application No.: 10/553,358 Docket No.: 0696-0224PUS1
Page 2 of 11

AMENDED CLAIM SET:

1. (Cancelled).

2. (Previously Presented) A process as defined in claim 35, wherein the filler is treated

with inorganic colloidal particles so that the surface of the filler particles will at least partly

consist of inorganic colloidal particles.

3. (Cancelled).

4. (Previously Presented) A process as defined in claim 2, wherein the anionic colloidal

particles consist of synthetic silicate and/or hectorite.

5. (Previously Presented) A process as defined in claim 2, wherein the anionic colloidal

particles consist of smectite or montmorillonite-based (bentonite) silicate.

6. (Previously Presented) A process as defined in claim 2, wherein the anionic colloidal

particles consist of colloidal silica sol and/or polysilicic acid.

7. (Previously Presented) A process as defined in claim 2, wherein the anionic colloidal

particles consist of colloidal metal silicate pertaining to synthetic silicates and having magnesium

as the predominant cation.

8. (Previously Presented) A process as defined in claim 35, wherein, the inorganic

colloidal particles have an average particle diameter in the range of 1-80 nm.

9. (Cancelled).

10. (Previously Presented) A process as defined in claim 35, wherein the filler is pre-

treated with inorganic colloidal particles in an amount varying in the range of 50-10,000 g/t,

Application No.: 10/553,358 Docket No.: 0696-0224PUS1
Page 3 of 11

calculated on the total amount of dry filler.

11. (Previously Presented) A process as defined in claim 35, wherein the entire filler

amount intended for the stock is pre-treated with inorganic colloidal particles.

12. (Cancelled).

13. (Cancelled).

14. (Previously Presented) A process as defined in claim 35, wherein the filler is treated

by combining a slurry or a sol of inorganic colloidal particles and a filler slurry.

15. (Previously Presented) A process as defined in claim 14, wherein the slurry or sol of

inorganic colloidal particles has a concentration of 0.5-30%.

16. (Previously Presented) A process as defined in claim 35, wherein the filler is an

inorganic particulate substance.

17. (Previously Presented) A process as defined in claim 16, wherein the inorganic

particulate substances are selected from the group consisting of kaolin, calcinated kaolin,

calcium carbonate, talcum, titanium dioxide, calcium sulphate, synthetic silicate and aluminum

hydroxide fillers and mixtures thereof.

18. (Previously Presented) A process as defined in claim 17, wherein the inorganic

particulate substance is titanium dioxide.

19. (Previously Presented) A process as defined in claim 18, wherein the titanium dioxide

has an average particle diameter in the range of 150-350 nm.

20. (Previously Presented) A method as defined in claim 35, wherein the total amount of

Application No.: 10/553,358 Docket No.: 0696-0224PUS1
Page 4 of 11

filler accounts for 10-60%, of the total amount of the dry weight of the stock.

21. (Previously Presented) A method as defined in claim 35, wherein the aqueous filler

slurry has a concentration of 5-70%.

22. (Previously Presented) A method as defined in claim 35, wherein the cellulose of the

aqueous suspension of cellulose originates from chemical, mechanical or chemo-mechanical

pulp, recycled fibers or a mixture thereof.

23. (Previously Presented) A method as defined in claim 35, wherein the aqueous

suspension of cellulose has a consistency in the range of 1-50 g/l.

24. (Cancelled).

25. & 26. (Cancelled).

27. (Previously Presented) A method as defined in claim 35, wherein the copolymer of

acrylamide and the cationic comonomer is a copolymer of acrylamide and

acrylovloxyethyltrimethyl ammonium chloride having a molecular weight above 500,000 g/mol.

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28. (Previously Presented) A method as defined in claim 35, wherein the amount of

cationic polymer is in the range of 25-10,000 g/t of dry matter of said stock.

29. (Previously Presented) A method as defined in claim 35, wherein the stock is treated

with anionic colloidal particles, which may be different from said inorganic colloidal particles

used for filler pre-treatment.

30. (Previously Presented) A method as defined in claim 35, wherein the stock is filtered

through a steel wire having 100-300 mesh apertures to form paper.

Application No.: 10/553,358 Docket No.: 0696-0224PUS1

31. (Previously Presented) A method as defined in claim 35, including the use of other paper-improving agents, and other retention chemicals, size, dies and fiber binders.

- 32. 34. (Cancelled).
- 35. (Currently Amended) A process for the manufacturing of paper, said process comprising the steps of:

pre-treating a filler with anionic inorganic colloidal particles having an average particle size in water of less than 100 nm and having a specific area (BET) in the range of 30-1,000 m²/g by combining an aqueous slurry or a sol of said inorganic colloidal particles and a filler slurry having a concentration of 20-50%, wherein the weight proportion of inorganic colloidal particles in the total weight of said particles and the pre-treated portion of filler amount is in the range of 0.5-20 kg/t and wherein a stock formed by the combination has a total consistency in the range of 3-20 g/l,

combining the aqueous slurry of pre-treated filler with an aqueous suspension containing cellulose fibers to form a stock, comprising the steps of:

treating the formed stock at least with a cationic retention agent which is a cationic polyacrylamide or acrylamide copolymer having a molecular weight of at least 500,000 g/mol, and filtering the treated stock to form a web and drying the web to form said paper.

36. (Previously Presented) A process for the manufacturing of paper, comprising the steps of:

pre-treating titanium dioxide with inorganic colloid particles,

suspending the pre-treated titanium dioxide to form an aqueous slurry,

combining the aqueous slurry with an aqueous suspension containing cellulose fibers to form a stock, wherein the titanium dioxide is pre-treated with colloidal metal silicate of synthetic silicates and having magnesium as the predominant metal and an average particle diameter in the range of 1 to 25 nm, and that the process has the further steps of:

treating the formed stock with a cationic retention agent which is a cationic polymer having a molecular weight of at least 500,000 g/mol, and

filtering and drying the treated stock to form said paper.

Application No.: 10/553,358 Docket No.: 0696-0224PUS1
Page 6 of 11

37. (Previously Presented) A process as defined in claim 35, wherein, the inorganic colloidal particles have an average particle diameter in the range of 1-50 nm.

- 38. (Previously Presented) A process as defined in claim 35, wherein, the inorganic colloidal particles have an average particle diameter in the range of 1-25 nm.
- 39. (Previously Presented) A process as defined in claim 35, wherein the powder formed of inorganic colloidal particles has a specific area (BET) in the range of $100-1,000 \text{ m}^2/\text{g}$.
- 40. (Previously Presented) A process as defined in claim 35, wherein the filler is pretreated with inorganic colloidal particles in an amount varying in the range of 500-5,000 g/t, calculated on the total amount of dry filler.
- 41. (Previously Presented) A process as defined in claim 12, wherein the weight proportion of inorganic colloidal particles in the total weight of these particles and the pre-treated portion of filler amount is in the range of 1-10 kg/t.
- 42. (Previously Presented) A process as defined in claim 14, wherein the slurry or sol of inorganic colloidal particles has a concentration of 1-10%.
- 43. (Previously Presented) A process as defined in claim 18, wherein the titanium dioxide has an average particle diameter in the range of 200 nm.
- 44. (Previously Presented) A method as defined in claim 35, wherein the total amount of filler accounts for 20-50%, of the total amount of the dry weight of the stock.
 - 45. (Cancelled).
 - 46. (Previously Presented) A method as defined in claim 35, wherein the aqueous

Application No.: 10/553,358 Docket No.: 0696-0224PUS1
Page 7 of 11

suspension of cellulose has a consistency in the range of 5-15 g/l.

47. (Previously Presented) A method as defined in claim 35, wherein the aqueous slurry is combined with an aqueous suspension of cellulose to form a stock having a total consistency in the range of 7-13 g/l.

- 48. (Previously Presented) A method as defined in claim 35, wherein the amount of cationic polymer is in the range of 50-1,000 g/t of dry matter of said stock.
- 49. (Previously Presented) A method as defined in claim 35, wherein the stock is treated with anionic colloidal particles, which may be identical to said inorganic colloidal particles used for filler pre-treatment.